



Patent
Docket No: 55270US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mark A. STROBEL, Christopher S. LYONS, Group Art Unit: 1773
Donald J. McCLURE, Mark D. NACHBOR
and John R. PARK

Serial No.: 09/724,615

Filed: November 28, 2000

Examiner: Monique R. Jackson

For: FLAME-TREATING PROCESS

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on:

June 3, 2002

Date

Signature

Michelle L. Murphy
Michelle L. Murphy

AMENDMENT UNDER 37 C.F.R. § 1.111

Commissioner for Patents
Washington, DC 20231

Dear Sir:

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TC 1700

In response to the Official Action dated March 14, 2002, please amend the application as follows:

In the Specification:

Please replace the paragraph on page 19, beginning on line 4 and ending on line 10 with the following amended paragraph:

The present invention provides a method of modifying the surface of a polymeric substrate, e.g., to improve the wettability of the polymer film surface and/or alter the metal adhesion properties of the surface of the substrate by exposing the substrate to a flame. The flame is supported by an oxidizer and fuel mixture that includes an effective amount, for modifying the polymeric substrate, of at least one sulfur-containing compound that functions as a fuel substitute. In addition, substrates are provided that have increased wettability or increased metal adhesion performance.